

— JOB NO. 4792
BARGE: DXE2805

DIXIE CARRIERS
8/95 —

HER 01800

HERCULES

MARINE SERVICES CORPORATION

P. O. Drawer O • Freeport, Texas 77541

INVOICE NO. : 3091-95

DATE : August 29, 1995

Job No. : 4792-1

Location : Freeport

TO: Dixie Carriers
2102 Broadway
Houston, TX 77012

PLEASE REMIT PAYMENTS TO:
11011 RICHMOND
SUITE 500
HOUSTON, TX. 77042

PO# BGMG951300

Terms : Net 30

FOR:

Service to DXE2805 as follows:

Set up equipment
Strip out all free product
Blow cargo pipeline and stripping system
Vacuum dry cargo tanks
Remove equipment
Close barge

Labor:	Leadman	1	@	33.50	\$	33.50
	Leadman	7	@	48.00		48.00
	Journey	4	@	31.00		124.00
	Journey	28	@	44.25		1,239.00

Material: 48.15 + 9.63 57.78

Equipment:	Compressor	15	@	44.00		660.00
	Air movers	80	@	5.00		400.00
	Vacuum	6	@	20.00		120.00
	Hand hose	6	@	10.00		60.00

TOTAL AMOUNT DUE \$3,030.28

Arrived: 8/8/95 2:30 p.m.

Completed: 8/8/95 10:30 p.m.

PYGAS

PHONE: (409) 233-6371

Strength through Experience Equipment Know-How

HER 01801

JOHN WORKSCOPE/INSTRUMENTS

JOHN NO: 4792

CUSTOMER: Dixie

DATE: DXE 2805

TOILET: 2/F 0 35.00

0/F 0 51.75

TOILET: 2/F 0 33.50

0/F 0 40.00

TOILET: 2/F 0 31.00

0/F 0 44.25

TOILET: 941 0 .35

MATERIAL: 48.15 plus 20% 9.63

STOCK MATERIAL: 0 plus 20%

EQUIP:

COMPRESSOR 15 0 44.00

AIR HOSE 80 0 5.00

FORSLIFT 0 20.00

TUCKER 0 00.00

STEEL REC 0 00.00

VACUUM 6 0 10.00

HAND HOSE 6 0 10.00

WELDING MACHINE 0 15.00

CHERRY PICKER 0 50.00

CRANE 0 100.00

FLATBED TRUCK 0 20.00

3" GAS PUMP 0 14.00

2" SHIPPING PUMP 0 12.00

BUFFERSANDER 0 10.00

4" ELECT PUMP 0 15.00

WORK WAGE 0 35.00

CUTTING REC 0 0.00

TRUCK OIL 0 1100.00 / day

ARRIVED: _____ COMPLETED: _____ DEPARTED: _____

FINISHED: _____ TOWN: _____

TOTAL INVOICE: 3030.28

1 gask 6.00
3 Filters 18.00
3 covers 8.55
3 goggles 8.85
3 batteries 6.75
48.15

HERCULES
MARINE SERVICE CORP.
FREEPORT, TEXAS

FOREMAN'S DAILY TIME REPORT

JOB NO 4792
DATE 8-8-95
CLASS NO DXE 2805

BADGE NO	NAME																TOTAL HOURS
53	CLAUDIO DUARTE	7/1															8
70	JUAN RIVERA	7/1															8
60	JOE OLIVAREZ	7/1															8
579	LUCIO NAJERA	7/1															8
664																	
49																	
155																	
229																	
507																	
683																	
73																	
72																	
08	SAM PETTIT	7/1															8
TOTAL HOURS																	40

SIGNED _____ CODED AND EXTENDED BY _____ APPROVED BY _____
FOREMAN

HER 01803

PLEASE FILL OUT EVERYTHING ON THIS PAGE BEFORE TURNING INTO VALERIE

T I M E S H E E T

DATE: 8-8-95

JOB NO: 4792

BARGE NAME: D-X-E 2805

OVERHEAD: _____

OFFSHORE: _____

TIME START: 2:30 PM

TIME STOP: 10:30 PM

NAME:

HOURS:

JOE OLIVAREZ ✓

S/T 1

O/T 7

SAM PETTIT ✓

S/T 1

O/T 7

CLAUDIO DUARTE ✓

S/T 1

O/T 7

LARRY BALLINGER

S/T

O/T

LUCIO NAJERA ✓

S/T 1

O/T 7

JOB DESCRIPTION: Strip + Blow

Used Three pair of Respirator Filters, Three Concells
Three Monogoggles, Three Flashlight Batteries
Excessive amount of Rust

HER 01804



HERCULES

OFFSHORE CORPORATION

Strength through experience, equipment, know-how

P.O. Drawer D
Freeport, Texas 77541

Office: (409) 233-6371
Fax: (409) 233-6375

FINAL CHECK LIST

DATE: 8-8-95

BARGE: DXE-2805

BLND NUMBER CHECKED 2 REPLACED GASKET YES NO ✓

GATE VALVE NUMBER CHECKED 6 REPLACED GASKET YES NO ✓

PLUGS NUMBER CHECKED 1 REPLACED PLUG YES NO ✓

* CHECK VALVE NUMBER CHECKED N/A REPLACED GASKET YES NO

DEEPWELL BLIND NUMBER CHECKED 1 REPLACED GASKET YES ✓ NO

BELOW DECK CARGO PIPELINE BLIND NUMBER 1 REPLACED GASKET YES NO ✓

BELOW DECK CARGO PIPELINE BLIND REMOVED YES NO ✓

DRIP PANS VALVES: CLOSED BY SAM

DRIP PANS COVER: CLOSED BY N/A

CONTAINMENT AREA PLUG OR VALVES: CLOSED BY N/A

AIR TEST CARGO LINE - 40psi - USING SOAP

SIGNATURE OF TESTER: Alvin D. Davis

WITNESS: J. Rivera

* CHECK VALVE GASKET WILL BE REPLACED

* AIR TEST IS LAST THING TO BE DONE BEFORE RELEASING BARGE.

HER 01805



Strength through environmental awareness and customer service

P.O. Drawer O
Freeport, Texas 77541

Office (409) 233-6371
Fax: (409) 233-6375

EQUIPMENT	HOURS USED	HOURLY RATE	TOTAL PRICE
COMPRESSOR	810	44.00	
AIR MOVERS	80	5.00	
VACUUM	5	20.00	
BOILER		80.00	
HAND HOSE	6	10.00	
BUTTERWORTH		10.00	
2" STRIP PUMP		12.00	
3" DIESEL PUMP		14.00	
4" ELECT PUMP		15.00	
CRANE		130.00	
CHERRY PICKER		50.00	
FORKLIFT		20.00	
TUG BOAT		80.00	
WELD MACHINE		15.00	
CUTTING RIG		8.00	
WORK BARGE		35.00	
HAUL OUT		1100.00	

DATE: 8-8-95 JOB NO: 4792 BARGE NAME: D-X-E 2805

HER 01806

JOB NO. 4792
BARGE NO. DXE-2805
CUSTOMER _____
PRODUCT P.V. Gas

ETA _____
DATE/TIME ARRIVAL 2:20 PM
DATE/TIME STARTED 2:30 PM
DATE/TIME COMPLETED 10:30 PM

DISPOSAL AMOUNT _____ AMOUNT STRIPPED 1000
CLEANING INSTRUCTION BY: Mike Greene BY: _____
COMPLETION SCHEDULE BY: _____
OVERTIME AUTHORIZED BY: Mike Greene
BARGE INSPECTED BY: Duarte DATE/TIME: _____
BARGE RELEASED TO: Craig - Edd DATE/TIME: _____
DEEPWELL OPENED: YES ☒ NO _____ CLOSED BY Joe NEW GASKET YES ☒ NO _____
BELOW DECK CARGO PIPELINE: BLIND OPEN YES ☒ NO _____ CLOSED BY Joe NEW GASKET YES ☒ NO _____
DECK CHECK VALVE OPENED: YES NA NO _____ CLOSED BY _____ NEW GASKET YES ☒ NO _____
DECK HEADER BLINDS OPEN: YES ☒ NO _____ CLOSED BY SAMI NEW GASKET YES _____ NO ☒
DECK HEADER DRAIN PLUG OPEN: YES ☒ NO _____ CLOSED BY SAMI YES _____ NO _____
VAPOR RECOVERY HEADER OPENED: YES ☒ NO _____ CLOSED BY SAMI NEW GASKET YES _____ NO ☒
RUST SCALE: YES ☒ NO _____ WASHED OUT _____ BUCKETED OUT _____
NUMBER OF CARGO TANKS 6
NUMBER OF DRAIN VALVES 200
PIPE LINE STRIPPED: YES N/A NO _____ PIPE PRESSURE TEST DATE: _____
DRIP PANS STRIPPED: YES ☒ NO _____
WEATHER: TEMP 85 RAIN _____ FOG _____ HUMIDITY _____ OVERCAST _____ CLOUDY _____ CLEAR ☒
PIPELINE WASHED: NO PIPELINE BLOWN Yes PIPELINE SUMPS INSPECTED Duarte
BOW RAKE CHECKED: YES ☒ NO _____ STERN RAKE: YES ☒ NO _____
VOIDS: YES ☒ NO _____ SAFETY EQUIPMENT USED: _____

WORK SCOPE

HER 01807

VESSELS

DIXIE CARRIES

TRANSFER FACILITY

HERCULES HAS FIRE DOCK

LOCATION

FREEPORT TX.

1. Communication System/Language Fluency (156.120) (m) (p))
- 2. Warning Signs and red Warning Signals. (35.35-30)
3. Vessels Moorings. (156.120 (a))
4. Transfer System Alignment. (156.120 (d))
5. Transfer System; unused components. (156.120 (e))
6. Transfer Systems; fixed piping. (156.120 (f))
7. Overboard Discharges/Sea Suction Valves. (156.120 (g))
8. Hoses or Loading Arms condition. (156.120 (h) (156.170)
9. Hoses; length and support. (156.120 (b) (c))
10. Connections. (156.120)
11. Discharge Containment Systems. (156.120 (j) (l))
12. Scissors or Drains. (156.120 (k))
13. Emergency Shutdown (156.120 (n))
- 14. Repair Work Authorization. (35.35-30)
- 15. Boiler and Galley Fire Safety. (35.35-30)
- 16. Fires or Open Flames (35.35-30)
17. Lighting (sunset to sunrise). (156.120 (t))
- 18. Safe Smoking Spaces. (35.35-30)
19. Spill and Emergency shutdown procedures. (156.120 (q))
20. Sufficient Personnel. (156.120 (e) (a))
21. Transfer Conference. (156.120 (q))
22. Agreement to begin transfer. (156.120 (r))

[illegible]

Person in Charge Receiving Unit

TITLE

TIME & DATE

Alaudin Quest-

ECZEMA

828-95-230 PNI.

Person in Charge Delivering Unit

FUEL PERSON

Charles Dyer

TIME COMPLETED 8-8-95 10:30 P.M.

* Rules and Regulations for Tank Vessels.

HER 01808

HAZARDOUS COMMUNICATION STANDARD

OSHA 1910.1200

EMPLOYEE HAZARDOUS MATERIALS TRAINING PROGRAM

Date 8-8-95Supervisor [Signature]Plant HERCULESClient Safety Area GAS Free DOCK
D.X.E = 2805

The following listed materials are considered to be hazardous to the employees working in this area:

<u>PY GAS</u>	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

The employees assigned to work in this area have been informed of the hazardous materials in this area, the hazards they present to the workers, the location of hazards listed, the protective equipment that has been provided and where it is located, and procedures to be followed in case of an accidental exposure. I have received the training listed above and will so designate by signing this form.

NAME	BADGE	NAME	BADGE
_____	_____	_____	_____
<u>[Signature]</u>	<u>60</u>	_____	_____
<u>[Signature]</u>	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

HER 01809

M A T E R I A L S A F E T Y D A T A S H E E T

The Dow Chemical Company, Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 13497

PAGE: 1

Product Name: PYROLYSIS GASOLINE

Effective Date: 09/21/92

Date Printed: 07/28/94

MSD: 003711

1. INGREDIENTS: (% w/w, unless otherwise noted)

1,3-Butadiene	CAS# 000106-99-0	0.1-0.7%
Isopentane	CAS# 000078-78-4	0.0-1.9%
Pentene-1	CAS# 000109-67-1	0.7-1.7%
Isoprene	CAS# 000078-79-5	0.7-2.4%
Pentane	CAS# 000109-66-0	0.0-2.5%
Cis-pentene-2	CAS# 000142-29-0	0.6-1.5%
2-Methyl-butene-2	CAS# 000513-35-9	0.0-1.2%
Trans-1,3-pentadiene	CAS# 002004-70-8	0.7-1.8%
1,3-Cyclopentadiene	CAS# 000542-92-7	1.5-3.7%
Cis-1,3-pentadiene	CAS# 001574-41-0	0.4-1.2%
Benzene	CAS# 000071-43-2	28.0-52.4%
1,3-Cyclohexadiene	CAS# 000592-57-4	0.5-2.0%
Cyclohexane	CAS# 000110-82-7	0.0-0.1%
Toluene	CAS# 000108-88-3	5.5-17.4%
Ethyl-benzene	CAS# 000100-41-4	0.4-2.4%
Xylenes	CAS# 001330-20-7	0.5-2.6%
Styrene	CAS# 000100-42-5	2.3-5.3%
N-propyl-Benzene	CAS# 000103-65-1	0.0-0.4%
Methyl-ethyl-benzenes	CAS# 000611-14-3	0.1-0.6%
	000620-14-4	
	000622-96-8	
Tri-methyl-benzenes	CAS# 000526-73-8	0.1-0.7%
	000095-63-6	
	000108-67-8	
Vinyl-toluenes	CAS# 025013-15-4	0.1-1.1%
DCPD	CAS# 000077-73-6	5.8-13.1%
Indene	CAS# 000095-13-6	0.6-2.8%
CPD-MCPD Codimers		0.9-4.4%
Naphthalene	CAS# 000091-20-3	0.0-1.3%
Biphenyl	CAS# 000092-52-4	0.1-0.9%

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

(Continued on Page 2)

(R) Indicates a Trademark of The Dow Chemical Company

HER 01810

The Dow Chemical Company, Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 13497

PAGE: 2

Product Name: PYROLYSIS GASOLINE

Effective Date: 09/21/92

Date Printed: 07/28/94

MSD: 003711

2. PHYSICAL DATA:

BOILING POINT: 80.0-450 F, 26 -232 C
VAP. PRESS: 413.7-620.6 mmHG @ 37.8C
VAP. DENSITY: (AIR=1): >1
SOL. IN WATER: negligible
SP. GRAVITY: 0.82-0.89, 60/60F
APPEARANCE: Clear, slightly yellow to dark amber liquid
ODOR: pungent aromatic highly irritating

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: <-60F, (-51C)
METHOD USED: Estimated from component data.

FLAMMABLE LIMITS
LFL: 1.0 (estimated)
UFL: 12.0 (estimated)

EXTINGUISHING MEDIA: Foam, water spray.

FIRE AND EXPLOSION HAZARDS: Keep vapors away from possible ignition sources. EXTREMELY FLAMMABLE. Vapors are heavier than air and may travel long distances to a source of ignition and flash back. Use water with caution. Material is lighter than water and fire could be spread by use of water in an area where water could not be contained. But a water spray can be used to cool exposed containers. Do not extinguish due to flash back potential.

FIRE-FIGHTING EQUIPMENT: Fire-fighters should wear full-faced mask, self-contained breathing apparatus which provides eye protection. Use full Turn-out suit.

4. REACTIVITY DATA:

STABILITY: (CONDITIONS TO AVOID) Material similar to gasoline. Keep away from heat, flames, and spark-producing equipment.

(Continued on Page 3)

(R) Indicates a Trademark of The Dow Chemical Company

HER 01811

The Dow Chemical Company, Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 13497

PAGE: 3

Product Name: PYROLYSIS GASOLINE

Effective Date: 09/21/92

Date Printed: 07/28/94

MSD: 003711

4. REACTIVITY DATA: (CONTINUED)

Avoid high temperatures which may cause decomposition and large pressure increases.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Oxidizing material.

HAZARDOUS DECOMPOSITION PRODUCTS: Dimers may decompose to monomers if sufficient heat is present, thus leading to an increase in vapor pressure. Combustion with insufficient air will produce carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS: Keep unnecessary people away; isolate hazard area and deny unnecessary entry. Remove all possible ignition sources. A portion of the material vaporizes rapidly. If without risk, shut off all sources of ignition and leak. If large spill, dike to prevent entry into sewers. Foam to slow vaporization rate. If small leak, absorb with absorbent material.

DISPOSAL METHOD: Recover or incinerate in properly designed furnace. Comply with federal, state and local laws and regulations. Contact The Dow Chemical Company for additional information.

6. HEALTH HAZARD DATA:

EYE: Vapors may irritate eyes. May cause moderate irritation with corneal injury. Vapors may cause lacrimation (tears).

SKIN CONTACT: Short single exposure may cause skin irritation. Prolonged or repeated exposure may cause skin burns. Repeated contact may cause drying or flaking of skin. May cause more severe response if confined to skin. The dermal LD50 has not

(Continued on Page 4)

(R) Indicates a Trademark of The Dow Chemical Company

HER 01812

The Dow Chemical Company, Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 13497

PAGE: 4

Product Name: PYROLYSIS GASOLINE

Effective Date: 09/21/92

Date Printed: 07/28/94

MSD: 003711

6. HEALTH HAZARD DATA: (CONTINUED)

been determined.

SKIN ABSORPTION: A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. Repeated skin exposure may result in absorption of harmful amounts.

INGESTION: Single dose oral LD50 has not been determined. Single dose oral toxicity is believed to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; however, swallowing amounts larger than that may cause serious injury, even death. Ingestion may cause irritation of the mouth, throat, and gastrointestinal tract. If aspirated (Liquid enters the lung), may cause lung damage or even death due to chemical pneumonia, a condition caused by petroleum and petroleum-like solvents. If aspirated (Liquid enters the lung), may be rapidly absorbed through the lungs and result in injury to other body systems.

INHALATION: A single brief (minutes) inhalation exposure to easily attainable concentrations may cause adverse effects. A single prolonged (hours) excessive inhalation exposure may cause serious adverse effects, even death. Signs and symptoms of excessive exposure may be anesthetic or narcotic effects, central nervous system effects, may cause irritation to upper respiratory tract and lungs, and may increase sensitivity to epinephrine and increase myocardial irritability (irregular heartbeats). Alcohol consumption and exertion may increase adverse effects.

SYSTEMIC (OTHER TARGET ORGAN) EFFECTS: Signs and symptoms of excessive exposure may be central nervous system (CNS) effects, neurologic signs and symptoms, irritation to upper respiratory tract, and may cause hemopoietic injury (damage to blood forming organs). Contains components which may cause lung, CNS, liver and kidney effects and which have caused hearing loss in laboratory animals and/or humans.

CANCER INFORMATION: Contains benzene, a carcinogen listed by IARC, NTP and OSHA. Benzene has been shown to cause cancer in laboratory animals and humans. Contains styrene, listed by IARC, and 1,3-butadiene, listed by IARC and NTP, as potential carcinogens. Contains naphthalene which has caused cancer in some laboratory animals.

(Continued on Page 5)

(R) Indicates a Trademark of The Dow Chemical Company

HER 01813

The Dow Chemical Company, Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 13497

PAGE: 5

Product Name: PYROLYSIS GASOLINE

Effective Date: 09/21/92

Date Printed: 07/28/94

MSD: 003711

6. HEALTH HAZARD DATA: (CONTINUED)

TERATOLOGY (BIRTH DEFECTS): Contains components which have caused toxicity to the fetus or birth defects in mice. 1,3-Butadiene was toxic to the fetus in laboratory animals at doses nontoxic to the mother.

REPRODUCTIVE EFFECTS: In animal studies, has been shown not to interfere with reproduction. (major components)

MUTAGENICITY (EFFECTS ON GENETIC MATERIAL): Contains a few components which have caused some mutagenic activity in vitro (test tube) tests and in animals. Results of isoprene in vitro ('test tube') mutagenicity tests have been negative. Isoprene has been shown to have mutagenic activity in animals.

7. FIRST AID:

EYES: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

SKIN: Wash off in flowing water or shower.

INGESTION: Do not induce vomiting. Call a physician and/or transport to emergency facility immediately.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult oxygen should be administered by qualified personnel. Call a physician or transport to a medical facility.

NOTE TO PHYSICIAN: The decision of whether to induce vomiting or not should be made by an attending physician. If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. If burn is present, treat as any thermal burn, after decontamination. Exposure may increase "myocardial irritability." Do not administer sympathomimetic drugs unless absolutely necessary. No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

(Continued on Page 6)

(R) Indicates a Trademark of The Dow Chemical Company

HER 01814

The Dow Chemical Company, Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 13497

PAGE: 6

Product Name: PYROLYSIS GASOLINE

Effective Date: 09/21/92

Date Printed: 07/28/94

MSD: 003711

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE(S): Ethylbenzene: ACGIH TLV and OSHA PEL are 100 ppm TWA; 125 ppm STEL.
Xylene: ACGIH TLV and OSHA PEL are 100 ppm TWA, 150 ppm STEL.
Vinyl toluene: ACGIH TLV is 50 ppm TWA; 100 ppm STEL. OSHA PEL is 100 ppm.
Indene: ACGIH TLV and OSHA PEL are 10 ppm.
Naphthalene: ACGIH TLV and OSHA PEL are 10 ppm TWA, 15 ppm STEL.
N-Pentane: ACGIH TLV and OSHA PEL are 600 ppm TWA, 750 ppm STEL.
Benzene: Dow IHG is 10 ppm, Ceiling. ACGIH TLV is 10 ppm TWA, A2. OSHA PEL is 1 ppm TWA and 5 ppm STEL.
Toluene: ACGIH TLV is 50 ppm TWA, skin. OSHA PEL is 100 ppm TWA, 150 ppm STEL.
Styrene, monomer: ACGIH TLV and OSHA PEL are 50 ppm TWA, 100 ppm STEL.
Dicyclopentadiene: ACGIH TLV and OSHA PEL are 5 ppm.
Cyclopentadiene: ACGIH TLV and OSHA PEL are 75 ppm.
Butadiene: ACGIH TLV is 10 ppm, A2. OSHA PEL is 1000 ppm.

VENTILATION: Use only with adequate ventilation. Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator. For emergency and other conditions where the exposure guideline may be greatly exceeded, use an approved positive-pressure self-contained self breathing apparatus or positive-pressure airline with auxiliary self-contained air supply. In confined or poorly ventilated areas, use an approved positive-pressure supplied-air respirator.

SKIN PROTECTION: Use protective clothing impervious to this material. Selection of specific items such as gloves, boots, apron, or full-body suit will depend on operation. Remove contaminated clothing no later than the end of the work period and clean before reuse. Contaminated leather items, such as shoes, belts, and watchbands, should be removed and destroyed.

EYE PROTECTION: Use chemical goggles. If vapor exposure causes eye discomfort, use a full-face respirator.

(Continued on Page 7)

(R) Indicates a Trademark of The Dow Chemical Company

HER 01815

The Dow Chemical Company, Midland, MI 48674 Emergency Phone: 517-636-4400

Product Code: 13497

PAGE: 7

Product Name: PYROLYSIS GASOLINE

Effective Date: 09/21/92

Date Printed: 07/28/94

MSD: 003711

9. ADDITIONAL INFORMATION:

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Face shield, gloves, and organic vapor respirator advised when transferring and sampling. Have properly grounded and bonded system for all transfer and storage equipment to avoid development of a charge.

OTHER NOTES: CERCLA reportable spill quantity approximately 20lbs based on benzene spill of 10lbs.

MSDS STATUS: Revised sections 6 and 8.

For information regarding state/provincial and federal regulations see the Regulatory Information Section.
(R) Indicates a Trademark of The Dow Chemical Company

HER 01816

The Dow Chemical Company, Midland, MI 48674 Emergency Phone:517-636-4400

Product Code: 13497

Page: R-1

Product Name: PYROLYSIS GASOLINE

Effective Date: 09/21/92

Date Printed: 07/28/94

MSD: 003711

REGULATORY INFORMATION: (Not meant to be all-inclusive-- selected regulations represented.)

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See MSD Sheet for health and safety information.

U.S. REGULATIONS

=====

SARA 313 INFORMATION: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
BENZENE	000071-43-2	28 - 52.4 %
NAPHTHALENE	000091-20-3	< 1.3 %
ETHYL BENZENE	000100-41-4	0.4 - 2.4 %
STYRENE	000100-42-5	2.3 - 5.3 %
1,3-BUTADIENE	000106-99-0	0.1 - 0.7 %
TOLUENE	000108-08-3	5.5 - 17.4 %
XYLENE (MIXED ISOMERS)	001330-20-7	0.5 - 2.6 %

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

An immediate health hazard
A delayed health hazard
A fire hazard

(Continued on Page R-2)

(R) Indicates a Trademark of The Dow Chemical Company

HER 01817

HERCULES OFFSHORE CO.

INVOICE NO. _____

MARINE REPAIR

MARINE OPERATIONS FACILITY

ORDER No. 4792

CUSTOMER P.O. _____

DATE	ORDER WRITTEN	8-8-95	ETA	
	ARRIVAL	3:13 PM		
	COMPLETION DATE	8-8-95 2:30 PM	8-8-95 10:30 AM	
	DEPARTURE DATE			
	M/V <input type="checkbox"/>	BARGE <input checked="" type="checkbox"/>	NAME <u>DXE 2805</u>	
	NAME		LOA	WIDTH
	FOREMAN	<u>Claudio</u>		
	LAST PRODUCT	<u>PY GAS</u>		
	GAS FREEING	YES <input type="checkbox"/>	CERTIFICATE REQUIRED	YES <input type="checkbox"/>
		NO <input type="checkbox"/>		NO <input type="checkbox"/>
	HAUL OUT FOR INSPECTION AND REPAIR	YES <input type="checkbox"/>	NO <input type="checkbox"/>	
	ON WAYS	DATE: _____		
	ON WAYS	DATE: _____		

CUSTOMER	NAME	<u>Dixie</u>
	BILLING ADDRESS	
	CITY AND STATE	
	PHONE NUMBER	
	WORK AUTHORIZED BY	<u>Mike Greene</u>
	STOCK MATERIAL	<input type="checkbox"/> YES <input type="checkbox"/> NO
	IF YES, COMPLETE STOCK MATERIAL TRANSFER TICKET	
	OUTSIDE SERVICES	<input type="checkbox"/> YES <input type="checkbox"/> NO
	IF YES, LIST	

ITEM NUMBERS

- 1 Strip & blow
Used 7 new pair of Respirator Filters, Three Coveralls, Three
- 2 Monogoggles, Three Flashlight Batteries
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

THIS SHALL SERVE AS YOUR AUTHORIZATION TO PROCEED WITH THE ABOVE.

Signed: Claudio Quenta Date: 8-8-95

HER 01818

HERCULES OFFSHORE CO.

**MARINE REPAIR
ORDER No.**

MARINE OPERATIONS FACILITY

INVOICE NO. _____
CUSTOMER P.O. _____

D A T E	ORDER WRITTEN 8-8-95	ETA
	ARRIVAL 8/8/95	P.M.
	COMPLETION DATE	
	DEPARTURE DATE	
H/V <input type="checkbox"/> BARGE <input checked="" type="checkbox"/>		
NAME LOA DXE 2805		
FOREMAN Claudio		
LAST PRODUCT PY Gas		
GAS FREEING YES <input type="checkbox"/> NO <input type="checkbox"/> CERTIFICATE REQUIRED YES <input type="checkbox"/> NO <input type="checkbox"/>		
HAUL OUT FOR INSPECTION AND REPAIR YES <input type="checkbox"/> NO <input type="checkbox"/>		
ON WAYS DATE: _____		
ON WAYS DATE: _____		

C U S T O M E R	NAME Dixie
	BILLING ADDRESS
	CITY AND STATE
	PHONE NUMBER
	WORK AUTHORIZED BY Mike Greene
STOCK MATERIAL <input type="checkbox"/> YES <input type="checkbox"/> NO	
IF YES, COMPLETE STOCK MATERIAL TRANSFER TICKET	
OUTSIDE SERVICES IF YES, LIST <input type="checkbox"/> YES <input type="checkbox"/> NO	

ITEM NUMBERS

1	Strip & blow
2	
3	
4	
5	
6	
7	
8	
9	
10	

THIS SHALL SERVE AS YOUR AUTHORIZATION TO PROCEED WITH THE ABOVE.

Signed: _____ Date: _____

HER 01819